

Amendments to the Specification:

Please replace the paragraph beginning at page 2, line 27, with the following rewritten paragraph:

- - Within the steel outer tube, the stator is provided with especially wound coils which leave a gap 15a through which the member 14 may extend. As shown in Fig. 3, one way of achieving this is to wind each coil in the form of two coil portions in the form of a "Figure 8". The coils are assembled in sets of three 11a (one pair of coil sections for each of three phases for each magnetic period). The current for each phase must alternate in direction hence the way in which the coils are wound without crossing the gap of the axially extending slot 15 in the stator. The magnetic assembly or assemblies protect a strong magnetic field radially outwards through the coils of the stator; the magnetic flux returning via the outer steel tube that completes the assembly. --

Please replace the paragraph beginning at page 3, line 7, with the following rewritten paragraph:

- - The interior of the stator 11 is preferably lined with a hard, slotted dielectric tube 31 that serves as a bearing and sealed surface 31a. The armature 12 is provided with a bearing surface or surfaces e.g. in the form of piston rings which are arranged to slide along the hard dielectric tube.